What is claimed is:

1   1: A method comprising:

2   determining a domain name of a device; and

3   deriving a substantially fully qualified server name utilizing the domain name.

1   2: The method of claim 1, wherein deriving a substantially fully qualified server name

2   comprises utilizing a host name.

1   3: The method of claim 2, wherein utilizing a host name comprises utilizing a

2   substantially predefined host name.

1   4: The method of claim 2, wherein deriving a substantially fully qualified server name

2   comprises combining the domain name and the host name.

1   5: The method of claim 1, wherein determining a domain name of a device comprises

2   utilizing a network address.

1   6: The method of claim 5, wherein utilizing a network address comprises utilizing an

2   Internet Protocol address (IP address).

1   7: The method of claim 1, wherein determining a domain name of a device comprises

2   utilizing a substantially fully qualified client name.

1   8: The method of claim 7, wherein determining a domain name of a device comprises

2   converting a network address of the device into the substantially fully qualified client

3   name.

1   9: The method of claim 8, wherein converting a network address of the device into the

2   substantially fully qualified client name comprises utilizing a name server.

1   10: The method of claim 9, wherein utilizing a name server comprises utilizing a server

2   which is substantially compliant with the Domain Name System (DNS).

1   11: The method of claim 7, wherein determining a domain name of a device comprises

2   removing a host name from the substantially fully qualified client name.

1   12: The method of claim 1, further comprising making a network connection to the

2   substantially fully qualified server name.

1   13: The method of claim 1, wherein determining a domain name of a device comprises

2   choosing a network interface and determining the domain name associated with the

3   network interface.

1   14: The method of claim 13, wherein choosing a network interface comprises choosing a

2   single network interface from a group of network interfaces.

1   15: The method of claim 1, further comprising reporting an error if determining a

2   domain name of a device cannot be accomplished.

1   16: A method comprising:

2   reaching an agreement between two or more parties as to the to the host names for

3   a type of servers which provide network resources; and

4   creating a device which, when established on the same network domain as servers

5   which conform to the agreed upon host names, may dynamically configure the device to

6   facilitate connection to at least some of the servers on the network domain.

1   17: The method of claim 16, wherein creating a device comprises creating a device

2   which is configured to utilize, during operation, the agreed upon host names for the series

3   of servers.

1   18: The method of claim 17, wherein creating a device comprises creating a device

2   which, during operation, dynamically determines the domain name of the network

3   domain upon which the device is established.

1   19: The method of claim 18, wherein creating a device comprises creating a device

2   which, during operation, dynamically derives the fully qualified server names of the at

3   least some of the servers utilizing at least some of the agreed upon host names and the

4   determined domain name.

1   20: The method of claim 17, wherein creating a device comprises preconfiguring the

2   agreed upon host names into a memory element.

1   21: The method of claim 16, further comprising establishing, within a first network

2   domain, a first set of servers which conform to the agreed upon host names.

1   22: The method of claim 21, further comprising establishing, within a second network

2   domain, a second set of servers which conform to the agreed upon host names.

1   23: The method of claim 22, wherein creating a device comprises creating a device

2   which,

3 when established on the first network domain, may dynamically configure the

4 device to facilitate connection to the first set of servers and

5 when established on the second network domain, may dynamically configure the

6 device to facilitate connection to the second set of servers.

1 24: The method of claim 22, wherein the first set of servers and the second set of servers

2 comprises a different subset of the series of servers which provide network resources.

1 25: The method of claim 21, wherein the first set of servers conforms to the agreed upon

2 host names and are assigned additional, alternative host names.

1 26: The method of claim 21, wherein one of the two or more parties creates the device,

2 and another of the two or more parties establishes servers on a network.

1 27: The method of claim 21, wherein one of the two or more parties instructs a third

2 party to create the device and another of the two or more parties instructs a fourth party to

3 establish the servers on a network.

1 28: An apparatus comprising:

2 a communication port for communication with a network interface; and

3 a control system;

4 the communication port and the control system coupled in such a way as to,

5 during operation, derive a substantially fully qualified server name.

1 29: The apparatus of claim 28, further comprising a network interface.

1   30: The apparatus of claim 28, wherein the communication port and the control system

2   are coupled in such a way as to, during operation, to determine the domain name of the

3   network interface.

1   31: The apparatus of claim 30, wherein the control system comprises a memory element

2   to, at least temporarily store the domain name of the network interface.

1   32: The apparatus of claim 30, wherein the control system has a configuration so as to,

2   during operation, generate the substantially fully qualified server name utilizing the

3   domain name associated with the network interface and a host name.

1   33: The apparatus of claim 32, wherein the control system comprises a substantially

2   predefined host name.

1   34: The apparatus of claim 33, wherein the control system comprises a memory element

2   to, at least temporarily store the host name.

1   35: The apparatus of claim 32, wherein the control system has a configuration so as to,

2   during operation, generate the substantially fully qualified server name by combining the

3   domain name associated with the network interface and the host name.

1   36: The apparatus of claim 35, wherein the control system comprises a memory element

2   to, at least temporarily store the substantially fully qualified server name.

1   37: The apparatus of claim 28, wherein the control system comprises a circuit

2   specifically designed to generate the substantially fully qualified server name.

1   38: A machine accessible medium including thereon instructions which, when executed

2   by a machine, cause the machine to perform a method comprising:

3   determining a domain name of a device; and

4   deriving a substantially fully qualified server name utilizing the domain name.

1   39: The method of claim 38, wherein deriving a substantially fully qualified server name

2   comprises utilizing a host name.

1   40: The method of claim 39, wherein utilizing at least in part a host name comprises

2   utilizing a substantially predefined host name.

1   41: The method of claim 39, wherein deriving a substantially fully qualified server name

2   comprises combining the domain name and the host name.

1   42: The method of claim 38, wherein determining a domain name of a device comprises

2   utilizing a network address.

1   43: The method of claim 42, wherein utilizing a network address comprises utilizing an

2   Internet Protocol address (IP address).

1   44: The method of claim 38, wherein determining a domain name of a device comprises

2   utilizing a substantially fully qualified client name.

1   45: The method of claim 44, wherein determining a domain name of a device comprises

2   converting a network address of the device into the substantially fully qualified client

3   name.

1   46: The method of claim 45, wherein converting a network address of the device into the

2   substantially fully qualified client name comprises utilizing a name server.

1   47: The method of claim 46, wherein utilizing a name server comprises utilizing a server

2   which is substantially compliant with the Domain Name System (DNS).

1   48: The method of claim 44, wherein determining a domain name of a device comprises

2   removing a host name from the substantially fully qualified client name.

1   49: The method of claim 38, further comprising making a network connection to the

2   substantially fully qualified server name.

1   50: The method of claim 38, wherein determining a domain name of a device comprises

2   choosing a network interface and determining the domain name associated with the

3   network interface.

1   51: The method of claim 50, wherein choosing a network interface comprises choosing a

2   single network interface from a group of network interfaces.

1   52: The method of claim 38, further comprising reporting an error if determining a

2   domain name of a device cannot be accomplished.